



TOWN OF WEST HARTFORD

AGENDA ITEM SUMMARY

To: Town Council

From: Matt Hart, Town Manager

Date: September 25, 2018

CC: Mark K. McGovern, Director of Community Development

Subject: Resolution (Hart) Authorizing the Rehabilitation of the Braeburn Culvert. (569)

Background: The Town of West Hartford has obtained a grant through the State of Connecticut Department of Transportation's Local Bridge Program to rehabilitate the Braeburn Culvert. The Braeburn Culvert is located under Braeburn Road just to the east of the Braeburn Elementary School. The culvert needs rehabilitation to re-establish its structural integrity. As part of the completion of the design process, the Local Bridge Program requires the Town to submit a Supplemental Agreement, which solidifies the Project Schedule, Scope, and Costs. The construction cost for this project is estimated to be \$300,000 with the Town securing a 47 percent construction grant (\$132,000).

Operational Impact: None

Financial Impact: The Town has programmed bond funds in the capital improvement program (CIP) to cover the local share (estimated at \$168,000) of this project.

Legal Review: Corporation Counsel has reviewed the Supplemental Application and prepared the attached resolution.

Project Schedule: Immediate

Recommendation: In order to receive the grant funds for this important project, staff recommends Council approval of the attached resolution authorizing the Town Manager to sign the Supplemental Agreement between the Town and the State of Connecticut Department of Transportation.

Attachments: Project Narrative and Town Council Resolution

RESOLUTION AUTHORIZING THE REHABILITATION OF THE BRAEBURN CULVERT

WHEREAS, the Town of West Hartford obtained a grant through the State of Connecticut Department of Transportation's Local Bridge Program to rehabilitate the Braeburn Culvert, under:

State Project Number 9155-6067

Bridge Number 06067

Bridge Location – Braeburn Road and Whitman Avenue, at or over Trout Brook, in West Hartford;

WHEREAS, the Braeburn Culvert is located under Braeburn Road just to the east of the Braeburn Elementary School;

WHEREAS, the culvert needs rehabilitation to re-establish its structural integrity;

WHEREAS, as part of the completion of the design process, the Local Bridge Program requires West Hartford to submit a Supplemental Agreement, which details the updated the Project Schedule, Scope, and Costs;

WHEREAS, the construction cost for this project is estimated to be \$300,000 with West Hartford securing a 47% construction grant (\$132,000); and

NOW, THEREFORE, BE IT RESOLVED BY THE WEST HARTFORD TOWN COUNCIL THAT approves and authorizes it Town Manager, Matthew W. Hart, to sign the Supplemental Application and any other ancillary documents which may be necessary to effectuate the same related to the aforementioned project.

(Hart)

9/25/18

MEMORANDUM

FROM: Duane J. Martin, P.E., Town Engineer

RE: Braeburn Road Drainage Culvert Rehabilitation

DATE: September 7, 2018

The Engineering Division proposes to rehabilitate the drainage culvert under Braeburn Road/Whitman Avenue that conveys Trout Brook. The culvert is located under the roadway within the Town's Right of Way at the location where the street name changes between Braeburn Road and Whitman Avenue. The two properties adjacent to the culvert are Town properties, 200 Whitman Avenue (Fairview Cemetery property) and 47 Pleasant Street (Open Space).

The drainage culvert consists of two steel corrugated metal pipes approximately 9 ½ feet wide by 6 feet high. The culvert was installed in 1960. This culvert has a severe condition rating and was deemed structurally deficient primarily due to scouring (washout) at the inlets, outlets, and beneath both pipes. Both pipes also lack the asphalt coating at or below the water level, which allows rust to further deteriorate the pipes. In addition, the pipe bottoms now have small holes. The rehabilitation is required to maintain the structural integrity of the drainage culvert, which allows Braeburn Road/Whitman Avenue to stay open for public travel.

The Town applied for and received grant funding through the Connecticut Department of Transportation's Local Bridge Program to fund part of the proposed culvert rehabilitation project. The Engineering Division retained Tectonic Engineering & Surveying Consultants, P.C. who completed the culvert rehabilitation design. The Town obtained an inland wetland and watercourses permit for the culvert project. The State requires a Supplemental Application for the project with an updated project schedule, scope, and cost.

